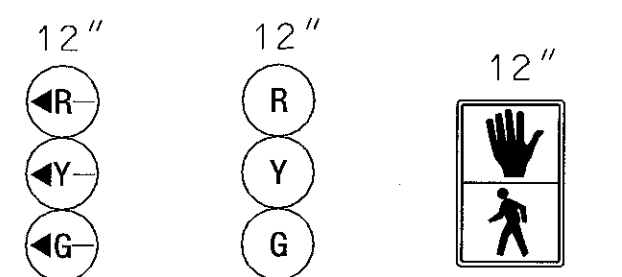
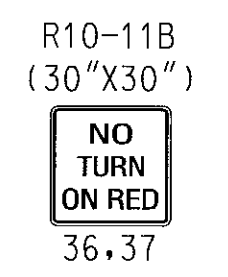


EXISTING SIGNALS

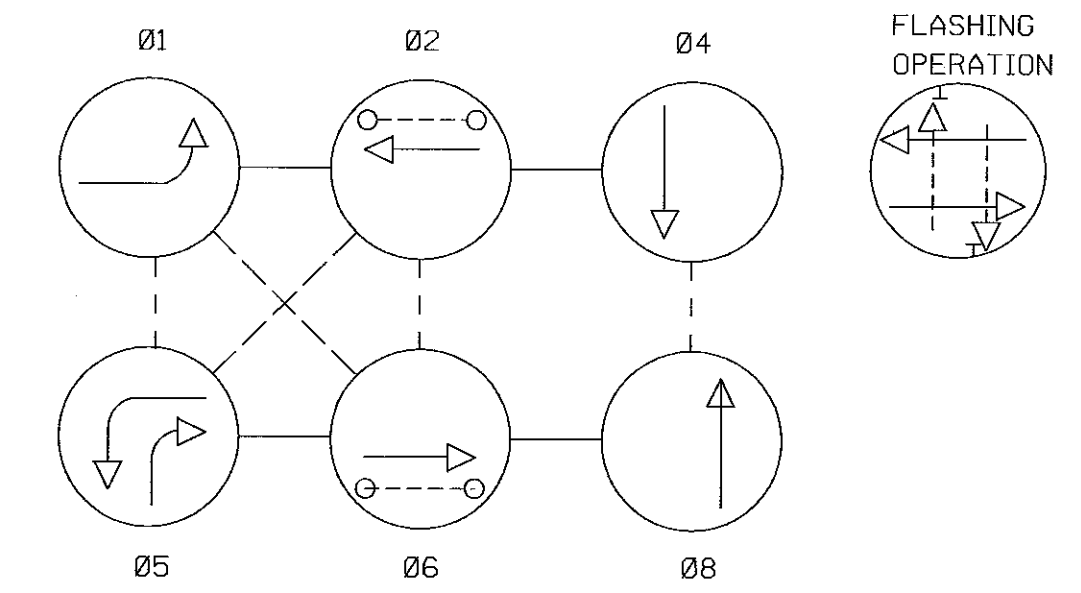


8,9,17,18 3,4,10,11,15,16 22,23,25,27,28,30

EXISTING SIGNS

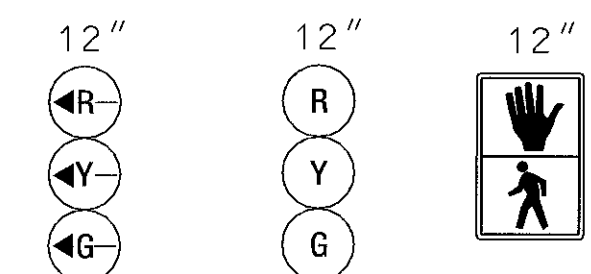


NEMA PHASING



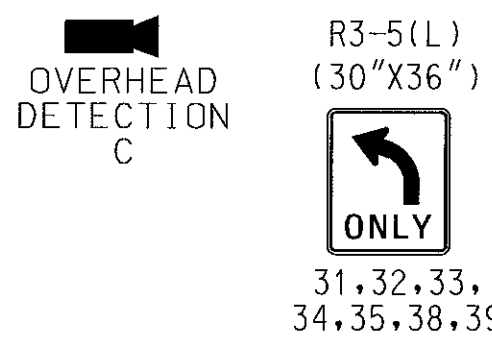
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROPOSED SIGNALS



1,2,19,20 5,6,7,12,13,14 21,24,26,29

PROPOSED SIGN



CONSTRUCTION DETAILS

- A. INSTALL 24 IN. HEAT APPLIED, WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
- B. INSTALL 12 IN. HEAT APPLIED, WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.
- C. THE CONTRACTOR SHALL INSTALL SIGNAL HEAD AND/OR SIGN AS SHOWN.

GENERAL NOTES

- 1. Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with MD-SHA standards.
- 2. Video Camera placement / aligning shall be coordinated with Bob Gonzales of Montgomery County at (240) 777-8761.
- 3. Contractor shall verify all proposed pole and cabinet locations, prior to installation.
- 4. For Final pavement markings refer to project pavement markings plans.
- 5. The contractor shall be responsible for terminating all signal cable, excluding interconnect, to the appropriate terminals and properly label each cable.
- 6. All signal poles and pedestal poles shall be painted Federal green.
- 7. Contact Montgomery County's Transportation Management Center 72 hours prior to mark existing underground traffic signal equipment. (240) 777-2100.
- 8. The contractor shall contract Mike Kinney for Surveillance Camera equipment installation.
- 9. All bridge structures shall be installed with 1/2 inch thick vibration bearing pads.
- 10. See bridge plan sheets for traffic signal conduit connections at bridge.

GEOMETRIC LEGEND	
=====	EXISTING
-----	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
C-T	CABLE TV

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED BY: CHIEF, TRANS. SYSTEM MANAGEMENT SECTION

REVIEWED BY: ENGINEERING SERVICES SPECIALIST
DIV. OF TRAFFIC AND PARKING SERVICES

APPROVED BY: CHIEF, DIV. OF TRAFFIC AND PARKING SERVICES

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REVISIONS	APPROVALS
	<i>Michael R. ...</i> 7-3-02 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> 07/09/02 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> 07/09/02 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

US 29 AT RANDOLPH ROAD
INTERCHANGE IMPROVEMENTS

DRAWN BY: JAMES ALLEN JR.
CHECKED BY: *...*
SCALE: 1" = 20'
DATE: APRIL, 2002

F.A.P. NO. M08365170
S.H.A. NO. MONTGOMERY
COUNTY: LOG MILE:

TS NO. 4191
T.I.M.S. NO. E142

SHEET NO. 4191 OF 4191

P08-177AS-001.DWG SIGNAL 25060202.DWG